

**Name:** FDFB-25x2M

**Russian name:** ВДН-25Х2М

**Type:** Double inlet centrifugal FD fans of FDFB type

**Notes:** Backward curved blades



## DESCRIPTION:

Double inlet centrifugal FD Fans are designed for air delivery into combustion chambers of pressure-fired boilers with the capacity of up to 2500 t/h. High-pressure FD Fans overcome full resistance of air-gas flow path. Double inlet centrifugal FD Fans can have right-hand or left-hand rotational direction. The right-hand rotation is in a clockwise order and it should be defined at electric motor side. The blades of impeller are backward curved.

## AERODYNAMIC PERFORMANCE:

Capacity: 490.0 ths. m<sup>3</sup>

Total pressure: 8130 Pa

Temperature: 100 C

Efficiency: 87 %

Dustiness: 0.1 g/m<sup>3</sup>

## DIMENSIONS:

Length: 6916 mm

Width: 4450 mm

Height: 5235 mm

Weight: 24 900 kg

## ELECTRIC MOTOR:

Power: 1600 kW

Rate speed: 1000 rpm

Moment of inertia: 2375 kg\*m<sup>2</sup>

## AUXILIARIES:

Actuator: 1600 Hm

## DELIVERY OPTIONS:

Railway: Flatcar: 3 | Open wagon: 0 | Schnabel car: 0

DIMENSIONAL DRAWING:

